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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 198372002501

First Inventor Takayuki TOSHIMA

Title SUBSTRATE PROCESSING METHOD AND APPARATUS

Express Mail Label No. EV147810218US

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

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Date of Deposit: June 25, 2003

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Marco Jimenez

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**Commissioner for Patents  
Mail Stop Patent Application  
P.O. Box 1450, Alexandria, VA 22313

1. ☒ Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification (preferred arrangement set forth below) [Total Pages **72** ]
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 USC 113) [Total Sheets **30** ]
- ☒ Oath or Declaration [Total Pages **3** ]
- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)
- ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.63(b)
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ copy of recorded Assignment from parent application (the parent application is assigned to Tokyo Electron Limited, recorded in the prior application on 02/01/2001 Reel/Frame: 011509/0774);
10. ☐ 37 CFR 3.73(b) Statement (where there is an assignee) ☐ Power of Attorney
11. ☐ English Translation document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations: 10
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
Should be specifically itemized
15. ☒ Certified Copies of six (6) Japanese patent applications were filed in parent Application No. 09/626,235 on January 22, 2001 as a claim to priority. Attached is copy of transmittal letter. (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other

**18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:**
☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09/626,235 (filed July 26, 2000)

Prior application information:

Examiner Felice Carla Hiteshaw

Group / Art Unit: 1765

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. This incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. The power of Attorney appointing David L. Fehrmann, Reg. No. 28,600 appears in the original papers of the prior application. Please address all correspondence for this application to the address as given below.

**19. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Labelor ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	David L. Fehrmann				
Address	Morton & Forster				
City	555 West Fifth Street, Suite 3500	State	CA	Zip Code	90013-1024
Country	USA	Telephone	(213) 892-5801	Fax	(213) 892-5252
Name (Print/Type)	Stephen Arjmand		Registration No. (Attorney/Agent)	48,231	
Signature			Date	June 25, 2003	

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The PTO did not receive the following  
listed item(s) PAGE 41, 47, 51 AND 68  
OF SPECIFICATION

**FEE TRANSMITTAL  
FOR FY 2003**

Patent fees are subject to annual revision.

☐ Applicant Claims Small Entity Status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT****(\$750.00)****Complete if Known**

Application Number	Not yet assigned
Filing Date	Concurrently herewith
First Named Inventor	Takayuki TOSHIMA
Examiner Name	Not yet assigned
Group Art Unit	Not yet assigned
Attorney Docket No.	199372002501

**METHOD OF PAYMENT**☐ Check ☐ Credit Card ☐ Money Order ☐ OtherDeposit  
Account  
Number

03-1952

Deposit  
Account  
Name

Morrison &amp; Foerster LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) required Under 37 CFR 1.16 and 1.17☐ Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account

**FEE CALCULATION****1. BASIC FILING FEE**

Large	Entity	Small	Entity
Fee Code	Fee (\$)	Fee (\$)	Fee (\$)
1001	750	2001	375
1002	330	2002	180
1003	520	2003	260
1004	750	2004	375
1005	160	2005	80

Fee Description

Fee Paid

Utility filing fee	750
Design filing fee	
Plant filing fee	
Reissue filing fee	
Provisional filing fee	

SUBTOTAL (1) **(\$750.00)****2. EXTRA CLAIM FEES**

Total Claims	14	- 20** =	0	x	16	=	\$0
Independent Claims	1 <td>- 3** = <td>0 <td>x <td>84 <td>= <td>\$0</td> </td></td></td></td></td>	- 3** = <td>0 <td>x <td>84 <td>= <td>\$0</td> </td></td></td></td>	0 <td>x <td>84 <td>= <td>\$0</td> </td></td></td>	x <td>84 <td>= <td>\$0</td> </td></td>	84 <td>= <td>\$0</td> </td>	= <td>\$0</td>	\$0
Multiple Dependent						=	\$

Large	Entity	Small	Entity
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1202	18	2202	9
1201	84	2201	42
1203	280	2203	140
1204	84	2204	42
1205	18	2205	9

Fee Description

Claims in excess of 20	
Independent claims in excess of 3	
Multiple dependent claims, if not paid	
**Reissue independent claims over original patent	
**Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) **(\$0)**

\*\* or number previously paid, if greater; For Reissues, see above.

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large	Entity	Small	Entity
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1804	920*	1804	920*
1805	1,840*	1805	1,840*
1251	110	2251	55
1252	410	2252	205
1253	930	2253	465
1254	1,450	2254	725
1255	1,970	2255	985
1401	320	2401	160
1402	320	2402	160
1403	280	2403	140
1451	1,510	1451	1,510
1452	110	2452	55
1453	1,300	2453	650
1501	1,300	2501	650
1502	470	2502	235
1503	630	2503	315
1460	130	1460	130
1807	50	1807	50
1808	180	1808	180
8021	40	8021	40
1809	750	2809	375
1810	750	2810	375
1801	750	2801	375
1802	900	1802	900

Fee Description

Fee Paid

205	65	Surcharge - late filing fee or oath	
1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	Extension for reply within first month	
1252	410	Extension for reply within second month	
1253	930	Extension for reply within third month	
1254	1,450	Extension for reply within fourth month	
1255	1,970	Extension for reply within fifth month	
1401	320	Notice of Appeal	
1402	320	Filing a brief in support of an appeal	
1403	280	Request for oral hearing	
1451	1,510	Petition to institute a public use proceeding	
1452	110	Petition to revive - unavoidable	
1453	1,300	Petition to revive - unintentional	
1501	1,300	Utility issue fee (or reissue)	
1502	470	Design issue fee	
1503	630	Plant issue fee	
1460	130	Petitions to the Commissioner	
1807	50	Petitions related to provisional applications	
1808	180	Submission of Information Disclosure Sheet	
8021	40	Recording each patent assignment per properties (times number of properties)	
1809	750	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	For each additional invention to be examined (37 CFR § 1.128(b))	
1801	750	Request for Continued Examination (RCE)	
1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

**(\$0)****SUBMITTED BY**

Name (Print/Type)

Mehran Arjomand

Registration No.  
(Attorney/Agent)

48,231

Complete (if applicable)

Telephone

(213) 892-5630

Signature

Date

June 25, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313.

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